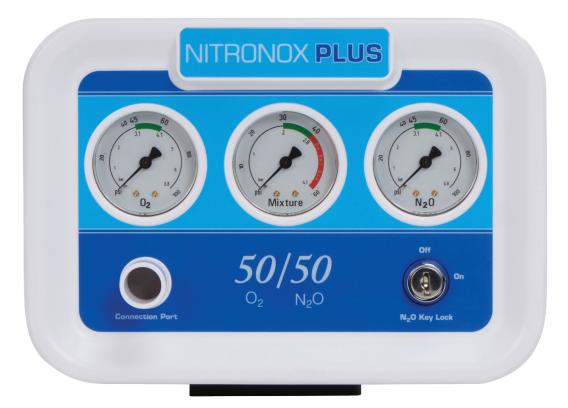
NITRONOX PLUS®

50/50 Fixed Demand Flow Nitrous Oxide & Oxygen System



- 50/50 fixed O_2/N_2O demand flow system
- Designed for use with children and adults
- Key lock mechanism for safety and security
- Audible low gas pressure alarm
- Internal, but accessible demand valve
- Safety function test button
- Designed to meet infection control standards
- Manufactured and serviced in the USA
- 3-year warranty



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Porter

Specifications

Dimensions

11" L x 11" W x 8" H (28 cm L x 28 cm W x 20.3 cm H)

Weight 13 lbs (5.9 kg)

Connection Fittings

Oxygen Inlet: DISS 1240 (Male) Nitrous Oxide Inlet: DISS 1040A (Male) Mixed Gas Connection Port: 22 mm taper

Gas Supply Pressure

0₂: 45 to 60 psi (310.3 to 413.6 kPa) N₂0: 45 to 60 psi (310.3 to 413.6 kPa)

Temperature

Storage & Transportation: -40°F to 140°F (-40°C to 60°C) Operational: 41°F to 100°F (5°C to 38°C)

Humidity

Storage & Transportation: 10-70% Operational: 10-70%

Atmospheric Pressure

1 atm ± 0.2 atm (101 kPa ± 20 kPa)

Mixture Settings Preset 50% N₂O/O₂ (50/50 model)

Delivery Flowrate Up to 100 L/min total flow at 50% N₂0/O₂

Delivery Accuracy Normal and Heavy Breathing: $\pm 5\% O_2$ Light/Shallow Breathing: $+20/-5\% O_2$

Usage Time

With "E" Cylinders at normal breathing rates, gas supply will last approximately:

 $N_20: 6$ hours $O_2: 2$ hours

Alarm Activation

Whistle alarm signals low gas supply when pressure drops to approximately 35 psi (2.41 bar)

Demand Valve

Cracking Pressure: < 2 cmH₂0



Part # NOX-PLUS-5050 Nitronox Plus® 50/50 Model





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